

6/18/79

89/134,014

CAPlus
Brasil
Agricola

=> s homologous recombination

L1 8183 HOMOLOGOUS RECOMBINATION

=> s transgenic

L2 58532 TRANSGENIC

=> s l1 and l2

L3 503 L1 AND L2

=> s plant

L4 1038909 PLANT

=> s l3 and l4

L5 79 L3 AND L4

=> d 15 1-79

L5 ANSWER 1 OF 79 AGRICOLA

AN 1999:40213 AGRICOLA

DN IND21980299

TI Plastid transformation in Arabidopsis thaliana.

AU Sikdar, S.R.; Serino, G.; Chaudhuri, S.; Maliga, P.

CS Bose Institute, Calcutta, India.

AV DNAL (QK725.P54)

SO Plant cell reports, Nov 1998. Vol. 18, No. 1/2. p. 20-24

Publisher: Berlin, W. Ger. : Springer International.

CODEN: PCRPD8; ISSN: 0721-7714

NTE Includes references

CY Germany

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L5 ANSWER 2 OF 79 AGRICOLA

AN 1999:15276 AGRICOLA

DN IND21966159

TI Horizontal gene transfer from **transgenic** plants to terrestrial bacteria--a rare event?

AU Nielsen, K.M.; Bones, A.M.; Smalla, K.; Elsas, J.D. van.

CS Norwegian University of Science and Technology, Trondheim, Norway.

AV DNAL (QR1.F46)

SO FEMS microbiology reviews, June 1998. Vol. 22, No. 2. p. 79-103

Publisher: Amsterdam : Elsevier Science B.V.

CODEN: FMREE4; ISSN: 0168-6445

NTE Includes references

CY Netherlands

DT Article; Law

FS Non-U.S. Imprint other than FAO

LA English

L5 ANSWER 3 OF 79 AGRICOLA

AN 1999:7534 AGRICOLA

DN IND21959087

TI **Plant** nuclear gene knockout reveals a role in plastid division
for the homolog of the bacterial cell division protein FtsZ, and
ancestral
tubulin.

AU Strepp, R.; Scholz, S.; Kruse, S.; Speth, V.; Reski, R.
CS Albert-Ludwigs-Universitat Freiburg, Freiburg, Germany.
SO Proceedings of the National Academy of Sciences of the United States of
America, Apr 14, 1998. Vol. 95, No. 8. p. 4368-4373
Publisher: Washington, D.C. : National Academy of Sciences,
CODEN: PNASA6; ISSN: 0027-8424

NTE Includes references
CY District of Columbia; United States
DT Article; Conference
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L5 ANSWER 4 OF 79 AGRICOLA
AN 1999:2813 AGRICOLA
DN IND21812585
TI Transformation of Acinetobacter sp. strain BD413 by **transgenic**
sugar beet DNA.

AU Gebhard, F.; Smalla, K.
CS Institut fur Biochemie und Pflanzenvirologie, Braunschweig, Germany.
AV DNAL (448.3 Ap5)
SO Applied and environmental microbiology, Apr 1998. Vol. 64, No. 4. p.
1550-1554
Publisher: Washington : American Society for Microbiology
CODEN: AEMIDF; ISSN: 0099-2240

NTE Includes references
CY District of Columbia; United States
DT Article
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L5 ANSWER 5 OF 79 AGRICOLA
AN 1998:63495 AGRICOLA
DN IND21380129
TI Development of a binary vector system for **plant** transformation
based on the supervirulent Agrobacterium tumefaciens strain Chry5.

AU Torisky, R.S.; Kovacs, L.; Avdiushko, S.; Newman, J.D.; Hunt, A.G.;
Collins, G.B.
AV DNAL (QK725.P54)
SO Plant cell reports, Dec 1997. Vol. 17, No. 2. p. 102-108
Publisher: Berlin, W. Ger. : Springer International.
CODEN: PCRPD8; ISSN: 0721-7714

NTE Includes references
CY Germany
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L5 ANSWER 6 OF 79 AGRICOLA
AN 1998:28661 AGRICOLA
DN IND20703012
TI Efficient gene targeting in the moss Physcomitrella patens.

AU Schaefer, D.G.; Zryd, J.P.
SO The Plant journal : for cell and molecular biology, June 1997. Vol. 11,
No. 6. p. 1195-1206
Publisher: Oxford : Blackwell Sciences Ltd.
ISSN: 0960-7412

NTE Includes references
CY England; United Kingdom
DT Article
FS Non-U.S. Imprint other than FAO
LA English

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DJF

L5 ANSWER 7 OF 79 AGRICOLA
 AN 1998:27370 AGRICOLA
 DN IND20631463
 TI Gene targeting and instability of Agrobacterium T-DNA loci in the **plant** genome.
 AU Risseuw, E.; Franke-van Dijk, M.E.I.; Hooykaas, P.J.J.
 SO The Plant journal : for cell and molecular biology, Apr 1997. Vol. 11,
 No. 4. p. 717-728
 Publisher: Oxford : BIOS Scientific Publishers Ltd and Blackwell Sciences Ltd.
 ISSN: 0960-7412
 NTE Includes references
 CY England; United Kingdom
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

L5 ANSWER 8 OF 79 AGRICOLA
 AN 97:61289 AGRICOLA
 DN IND20586653
 TI Targeting of a functional Escherichia coli RecA protein to the nucleus of **plant** cells.
 AU Reiss, B.; Kosak, H.; Klemm, M.; Schell, J.
 CS Max-Planck-Institut fur Zuchtungsforchung, Koln, Germany.
 SO Molecular & general genetics : MGG, Feb 27, 1997. Vol. 253, No. 6. p. 695-702
 Publisher: Berlin, Germany : Springer-Verlag Berlin.
 CODEN: MGGEAE; ISSN: 0026-8925
 NTE Includes references
 CY Germany
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

L5 ANSWER 9 OF 79 AGRICOLA
 AN 97:23819 AGRICOLA
 DN IND20554573
 TI Enhancement of somatic intrachromosomal **homologous recombination** in Arabidopsis by the HO endonuclease.
 AU Chiurazzi, M.; Ray, A.; Viret, J.F.; Perera, R.; Wang, X.H.; Lloyd, A.M.; Signer, E.R.
 CS Massachusetts Institute of Technology, Cambridge, MA.
 SO The Plant cell, Nov 1996. Vol. 8, No. 11. p. 2057-2066
 Publisher: [Rockville, MD : American Society of Plant Physiologists, c1989-
 CODEN: PLCEEW; ISSN: 1040-4651
 NTE Includes references
 CY Maryland; United States
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L5 ANSWER 10 OF 79 AGRICOLA
 AN 96:42550 AGRICOLA
 DN IND20522908
 TI Homology-dependent gene silencing in plants.
 AU Meyer, P.; Saedler, H.
 CS Max-Delbruck-Laboratorium in der MPG, Koln, Germany.
 AV DNAL (QK1.A57)
 SO Annual review of plant physiology and plant molecular biology, 1996. Vol. 47 p. 23-48
 Publisher: Palo Alto, Calif. : Annual Reviews Inc., c1988-
 CODEN: ARPBEX; ISSN: 1040-2519
 NTE Includes references
 CY California; United States

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DT Article; Law
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L5 ANSWER 11 OF 79 AGRICOLA
AN 96:41917 AGRICOLA
DN IND20521952
TI Two different but related mechanisms are used in plants for the repair of genomic double-strand breaks by **homologous recombination**

AU Puchta, H.; Dujon, B.; Hohn, B.
CS Friedrich Miescher-Institut, Basel, Switzerland.
AV DNAL (500 N21P)
SO Proceedings of the National Academy of Sciences of the United States of America, May 14, 1996. Vol. 93, No. 10. p. 5055-5060
Publisher: Washington, D.C. : National Academy of Sciences,
CODEN: PNASA6; ISSN: 0027-8424

NTE Includes references
CY District of Columbia; United States
DT Article; Conference
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L5 ANSWER 12 OF 79 AGRICOLA
AN 96:33730 AGRICOLA
DN IND20514662
TI RecA protein stimulates **homologous recombination** in plants.

AU Reiss, B.; Klemm, M.; Kosak, H.; Schell, J.
CS Max-Planck-Institut fur Zuchtungsforschung, Cologne, Germany.
AV DNAL (500 N21P)
SO Proceedings of the National Academy of Sciences of the United States of America, Apr 2, 1996. Vol. 93, No. 7. p. 3094-3098
Publisher: Washington, D.C. : National Academy of Sciences,
CODEN: PNASA6; ISSN: 0027-8424

NTE Includes references
CY District of Columbia; United States
DT Article; Conference
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L5 ANSWER 13 OF 79 AGRICOLA
AN 95:61821 AGRICOLA
DN IND20482793
TI Trans-kingdom T-DNA transfer from Agrobacterium tumefaciens to Saccharomyces cerevisiae.

AU Bundock, P.; Dulk-Ras, A. den.; Beijersbergen, A.; Hooykaas, P.J.J.
CS Leiden University, Leiden, The Netherlands.
AV DNAL (QH506.E46)
SO The EMBO journal, July 3, 1995. Vol. 14, No. 3. p. 3206-3214
Publisher: Oxford, U.K. : Oxford University Press.
CODEN: EMJODG; ISSN: 0261-4189

NTE Includes references
CY England; United Kingdom
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L5 ANSWER 14 OF 79 AGRICOLA
AN 95:59111 AGRICOLA
DN IND20479738
TI Somatic intrachromosomal **homologous recombination** events in populations of **plant** siblings.

AU Puchta, H.; Swoboda, P.; Gal, S.; Blot, M.; Hohn, B.
CS Friedrich Miescher-Institut, Basel, Switzerland.
AV DNAL (QK710.P62)

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SO Plant molecular biology, May 1995. Vol. 28, No. 2. p. 281-292
 Publisher: Dordrecht : Kluwer Academic Publishers.
 CODEN: PMBIDB; ISSN: 0167-4412
 NTE Includes references
 CY Netherlands
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

L5 ANSWER 15 OF 79 AGRICOLA
 AN 94:57873 AGRICOLA
 DN IND20408635
 TI Recombination between vital RNA and **transgenic plant** transcripts.
 AU Greene, A.E.; Allison, R.F.
 AV DNAL (470 Sci2)
 SO Science, Mar 11, 1994. Vol. 263, No. 5152. p. 1423-1425
 Publisher: Washington, D.C. : American Association for the Advancement of Science.
 CODEN: SCIEAS; ISSN: 0036-8075
 NTE Includes references
 CY District of Columbia; United States
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L5 ANSWER 16 OF 79 AGRICOLA
 AN 94:41994 AGRICOLA
 DN IND20396312
 TI Intrachromosomal **homologous recombination** in whole plants.
 AU Swoboda, P.; Gal, S.; Hohn, B.; Puchta, H.
 AV DNAL (QH506.E46)
 SO The EMBO journal, Jan 15, 1994. Vol. 13, No. 2. p. 484-489
 Publisher: Oxford, U.K. : Oxford University Press.
 CODEN: EMJODG; ISSN: 0261-4189
 NTE Includes references
 CY England; United Kingdom
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

L5 ANSWER 17 OF 79 AGRICOLA
 AN 93:47643 AGRICOLA
 DN IND93029536
 TI Somatic **homologous recombination** in planta: the recombination frequency is dependent on the allelic state of recombining sequences and may be influenced by genomic position effects.
 AU Swoboda, P.; Hohn, B.; Gal, S.
 CS Friedrich Miescher-Institut, Basel, Switzerland
 AV DNAL (442.8 Z34)
 SO M G G : Molecular and general genetics, Feb 1993. Vol. 237, No. 1/2. p. 33-40
 Publisher: Berlin, W. Ger. : Springer International.
 CODEN: MGGEAE; ISSN: 0026-8925
 NTE Includes references.
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

L5 ANSWER 18 OF 79 AGRICOLA
 AN 93:38577 AGRICOLA
 DN IND93022141
 TI Stress-induced intrachromosomal recombination in **plant** somatic cells.
 AU Lebel, E.G.; Masson, J.; Bogucki, A.; Paszkowski, J.

CS Friedrich Miescher Institute, Basel, Switzerland
 AV DNAL (500 N21P)
 SO Proceedings of the National Academy of Sciences of the United States of America, Jan 15, 1993. Vol. 90, No. 2. p. 422-426
 Publisher: Washington, D.C. : The Academy.
 CODEN: PNASA6; ISSN: 0027-8424
 NTE Includes references.
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L5 ANSWER 19 OF 79 AGRICOLA
 AN 92:80708 AGRICOLA
 DN IND92045950
 TI Somatic and meiotic chromosomal recombination between inverted duplications in **transgenic** tobacco plants.
 AU Tovar, J.; Lichtenstein, C.
 CS Imperial College of Science, Technology, London, UK
 AV DNAL (QK725.P532)
 SO The Plant cell, Mar 1992. Vol. 4, No. 3. p. 319-332
 Publisher: Rockville, Md. : American Society of Plant Physiologists.
 ISSN: 1040-4651
 NTE Includes references.
 DT Article
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L5 ANSWER 20 OF 79 AGRICOLA
 AN 91:79768 AGRICOLA
 DN IND91043733
 TI Genomic **homologous recombination** in planta.
 AU Gal, S.; Pisan, B.; Hohn, T.; Grimsley, N.; Hohn, B.
 CS Friedrich Miescher-Institut, Basel, Switzerland
 AV DNAL (QH506.E46)
 SO The EMBO journal - European Molecular Biology Organization, June 1991. Vol. 10, No. 6. p. 1571-1578
 Publisher: Oxford, Eng. : IRL Press.
 CODEN: EMJODG; ISSN: 0261-4189
 NTE Includes references.
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

L5 ANSWER 21 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
 AN 1999:10441 BIOSIS
 DN PREV199900010441
 TI **Transgenic** plants are sensitive bioindicators of nuclear pollution caused by the Chernobyl accident.
 AU Kovalchuk, Igor; Kovalchuk, Olga; Arkhipov, Andrey; Hohn, Barbara (1)
 CS (1) Friedrich Miescher Inst., P.O. Box 2543, CH-4002 Basel Switzerland
 SO Nature Biotechnology, (Nov., 1998) Vol. 16, No. 11, pp. 1054-1059.
 ISSN: 1087-0156.
 DT Article
 LA English

L5 ANSWER 22 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
 AN 1998:519510 BIOSIS
 DN PREV199800519510
 TI Horizontal gene transfer from **transgenic** plants to terrestrial bacteria - a rare event.
 AU Nielsen, Kaare M. (1); Bones, Atle M.; Smalla, Kornelia; Van Elsas, Jan D.
 CS (1) UNIGEN-Cent. Mol. Biol., Dep. Botany, Norwegian Univ. Sci. Technol., 7005 Trondheim Norway
 SO FEMS Microbiology Reviews, (June, 1998) Vol. 22, No. 2, pp. 79-103.
 ISSN: 0168-6445.

DT General Review
LA English

L5 ANSWER 23 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1998:227471 BIOSIS
DN PREV199800227471
TI Transformation of Acinetobacter sp. strain BD413 by **transgenic**
sugar beet DNA.
AU Gebhard, Frank; Smalla, Kornelia (1)
CS (1) Biologische Bundesanstalt Land- und Forstwirtschaft, Inst. Biochemie
Pflanzenvirologie Messeweg 11-12, D-38104 Braunschweig Germany
SO Applied and Environmental Microbiology, (April, 1998) Vol. 64, No. 4, pp.
1550-1554.
ISSN: 0099-2240.
DT Article
LA English

L5 ANSWER 24 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1998:211921 BIOSIS
DN PREV199800211921
TI Meiotic stability of transgene expression is unaffected by flanking
matrix-associated regions.
AU Conner, Anthony J.; Mlynarova, Ludmila; Stiekema, Willem J.; Nap,
Jan-Peter (1)
CS (1) Dep. Mol. Biol., Cent. Plant Breeding and Reprod. Res., P.O. Box 16,
NLO-6700 AA Wageningen Netherlands
SO Molecular Breeding, (Feb., 1998) Vol. 4, No. 1, pp. 47-58.
ISSN: 1380-3743.
DT Article
LA English

L5 ANSWER 25 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1997:501442 BIOSIS
DN PREV199799800645
TI Gene targeting approaches using positive-negative selection and large
flanking regions.
AU Thykjaer, Thomas; Finnemann, Jorgen; Schausen, Leif; Christensen,
Liselotte; Poulsen, Carsten; Stougaard, Jens (1)
CS (1) Lab. Gene Expression, Dep. Molecular Structural Biol., Univ. Aarhus,
8000 Aarhus C Denmark
SO Plant Molecular Biology, (1997) Vol. 35, No. 4, pp. 523-530.
ISSN: 0167-4412.
DT Article
LA English

L5 ANSWER 26 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1997:345267 BIOSIS
DN PREV199799644470
TI The maize transposable element Ac induces recombination between the donor
site and an homologous ectopic sequence.
AU Shalev, Gil; Levy, Avraham A. (1)
CS (1) Dep. Plant Genetics, Weizmann Inst. Sci., Rehovot 76100 Israel
SO Genetics, (1997) Vol. 146, No. 3, pp. 1143-1151.
ISSN: 0016-6731.
DT Article
LA English

L5 ANSWER 27 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1997:274005 BIOSIS
DN PREV199799565723
TI Gene targeting and instability of Agrobacterium T-DNA loci in the
plant genome.
AU Risseuw, Eddy; Franke-Van Dijk, Marry E. I.; Hooykaas, Paul J. J. (1)
CS (1) Clusius Lab., Inst. Mol. Plant Sci., Leiden Univ., Wassenaarseweg 64,
2333 AL Leiden Netherlands
SO Plant Journal, (1997) Vol. 11, No. 4, pp. 717-728.

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ISSN: 0960-7412.

DT Article
LA English

L5 ANSWER 28 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1997:203661 BIOSIS
DN PREV199799502864
TI Targeting of a functional Escherichia coli RecA protein to the nucleus of
plant cells.
AU Reiss, B.; Kosak, H.; Klemm, M.; Schell, J. (1)
CS (1) Max-Planck-Inst. Zuechtungsforschung, Carl-von-Linne-Weg 10, D-50892
Koeln Germany
SO Molecular & General Genetics, (1997) Vol. 253, No. 6, pp. 695-702.
ISSN: 0026-8925. *ad*

DT Article
LA English *asae*

L5 ANSWER 29 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1996:219943 BIOSIS
DN PREV199698776072
TI RecA protein stimulates **homologous recombination** in
plants.
AU Reiss, Bernd; Klemm, Manfred; Kosak, Hans; Schell, Jeff (1)
CS (1) Max-Planck-Inst. fuer Zuechtungsforschung, Carl-von-Linne-Weg 10,
50892 Cologne Germany *ar*
SO Proceedings of the National Academy of Sciences of the United States of
America, (1996) Vol. 93, No. 7, pp. 3094-3098. *abae*
ISSN: 0027-8424.

DT Article
LA English

L5 ANSWER 30 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1995:437923 BIOSIS
DN PREV199598452223
TI Efficient gene targeting in the filamentous fungus Alternaria alternata.
AU Shiotani, Hiroshi; Tsuge, Takashi (1)
CS (1) School of Agricultural Sciences, Nagoya University, Chikusa, Nagoya
461-01 Japan
SO Molecular & General Genetics, (1995) Vol. 248, No. 2, pp. 142-150.
ISSN: 0026-8925.

DT Article
LA English

L5 ANSWER 31 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1995:409142 BIOSIS
DN PREV199598423442
TI Somatic intrachromosomal **homologous recombination**
events in populations of **plant** siblings.
AU Puchta, Holger (1); Swoboda, Peter (1); Gal, Susannah (1); Blot, Michel;
Hohn, Barbara (1)
CS (1) Friedrich Miescher-Inst., P.O. Box 2543, CH-4002 Basel Switzerland
SO Plant Molecular Biology, (1995) Vol. 28, No. 2, pp. 281-292.
ISSN: 0167-4412.

DT Article
LA English

L5 ANSWER 32 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1995:398492 BIOSIS
DN PREV199598412792
TI Trans-kingdom T-DNA transfer from Agrobacterium tumefaciens to
Saccharomyces cerevisiae.
AU Bundock, Paul; Den Dulk-Ras, Amke; Beijersbergen, Alice; Hooykaas, Paul
J.
J. (1)
CS (1) Inst. Molecular Plant Sci., Clusius Lab., Leiden Univ.,
Wassenaarseweg

64, 2333 AL Leiden Netherlands
SO EMBO (European Molecular Biology Organization) Journal, (1995) Vol. 14,
No. 13, pp. 3206-3214.
ISSN: 0261-4189.
DT Article
LA English

L5 ANSWER 33 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1994:436199 BIOSIS
DN PREV199497449199
TI Gene targeting in plants using the Agrobacterium vector system.
AU Offringa, Remko (1); Van Den Elzen, Peter J. M.; Hooykaas, Paul J. J.
CS (1) MOGEN International, Einsteinweg 97, 2333 CB Leiden Netherlands
SO Transgenic Research, (1992) Vol. 1, No. 3, pp. 114-123.
ISSN: 0962-8819.
DT General Review
LA English

L5 ANSWER 34 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1994:231712 BIOSIS
DN PREV199497244712
TI Recombination between viral RNA and **transgenic plant**
transcripts.
AU Greene, Ann E.; Allison, Richard F. (1)
CS (1) Dep. Botany Plant Pathol., Plant Biol. Building, Michigan State
Univ.,
East Lansing, MI 48824-1312 USA
SO Science (Washington D.C), (1994) Vol. 263, No. 5152, pp. 1423-1425.
ISSN: 0036-8075.
DT Article
LA English

L5 ANSWER 35 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1994:127307 BIOSIS
DN PREV199497140307
TI Intrachromosomal **homologous recombination** in whole
plants.
AU Swoboda, Peter (1); Gal, Susannah; Hohn, Barbara (1); Puchta, Holger (1)
CS (1) Friedrich Miescher-Inst., PO Box 2543, CH-4002 Basel Switzerland
SO EMBO (European Molecular Biology Organization) Journal, (1994) Vol. 13,
No. 2, pp. 484-489.
ISSN: 0261-4189.
DT Article
LA English

L5 ANSWER 36 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1993:164645 BIOSIS
DN PREV199395085695
TI Stress-induced intrachromosomal recombination in **plant** somatic
cells.
AU Lebel, Edouard G.; Masson, Jean; Bogucki, Augustyn; Paszkowski, Jerzy
CS Friedrich Miescher Inst., P.O. Box 2543, 4002 Basel Switzerland
SO Proceedings of the National Academy of Sciences of the United States of
America, (1993) Vol. 90, No. 2, pp. 422-426.
ISSN: 0027-8424.
DT Article
LA English

L5 ANSWER 37 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1992:257829 BIOSIS
DN BA93:134154
TI SOMATIC AND MEIOTIC CHROMOSOMAL RECOMBINATION BETWEEN INVERTED
DUPLICATIONS IN **TRANSGENIC** TOBACCO PLANTS.
AU TOVAR J; LICHTENSTEIN C
CS CENTRE BIOTECHNOLOGY, IMPERIAL COLL. SCI. TECHNOL. MED., EXHIBITION ROAD,
LONDON SW7 2AZ, UNITED KINGDOM.

SO PLANT CELL, (1992) 4 (3), 319-332.
CODEN: PLCEEW. ISSN: 1040-4651.
FS BA; OLD
LA English

L5 ANSWER 38 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1991:70294 BIOSIS
DN BA91:38954
TI SITE-DIRECTED MUTAGENESIS VIA HOMOLOGOUS RECOMBINATION
IN HIGHER PLANTS.
AU KANEVSKII I F; TSOKO M; MARTON L; GLEBA YU YU
CS DIV. CELL. BIOL. ENG., M.H. KHOLODNYI INST. BOTANY, ACAD. SCI. UKR. SSR,
KIEV, USSR.
SO DOKL AKAD NAUK SSSR, (1990) 312 (6), 1505-1507.
CODEN: DANKAS. ISSN: 0002-3264.
FS BA; OLD
LA Russian

L5 ANSWER 39 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1990:517554 BIOSIS
DN BA90:134830
TI EXTRACHROMOSOMAL HOMOLOGOUS RECOMBINATION AND GENE
TARGETING IN PLANT CELLS AFTER AGROBACTERIUM MEDIATED
TRANSFORMATION.
AU OFFRINGA R; DE GROOT M J A; HAAGSMAN H J; DOES M P; VAN DEN ELZEN P J M;
HOOPYKAAS P J J
CS MOGEN INTERNATIONAL NV, EINSTEINWEG 97, 2333 CB LEIDEN, NETH.
SO EMBO (EUR MOL BIOL ORGAN) J, (1990) 9 (10), 3077-3084.
CODEN: EMJODG. ISSN: 0261-4189.
FS BA; OLD
LA English

L5 ANSWER 40 OF 79 BIOSIS COPYRIGHT 1999 BIOSIS
AN 1989:93963 BIOSIS
DN BA87:48099
TI GENE TARGETING IN PLANTS.
AU PASZKOWSKI J; BAUR M; BOGUCKI A; POTRYKUS I
CS SWISS FEDERAL INST. TECHNOL., INST. PLANT SCI., ETH-ZENTRUM, UNIV. 2,
CH-8092 ZURICH, SWITZERLAND.
SO EMBO (EUR MOL BIOL ORGAN) J, (1988) 7 (13), 4021-4026.
CODEN: EMJODG. ISSN: 0261-4189.
FS BA; OLD
LA English

L5 ANSWER 41 OF 79 CAPLUS COPYRIGHT 1999 ACS
AN 1999:96347 CAPLUS
DN 130:149534
TI Improved plastid transformation of higher plants and production of
transgenic plants with herbicide resistance
IN Blowers, Alan D.; Sanford, John; Bailey, Ana Maria
PA Sanford Scientific, Inc., USA; Centro de Investigacion y de Estudios
Avanzados del I.P.N.
SO PCT Int. Appl., 140 pp.
CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9905265	A2	19990204	WO 98-US15289	19980723
	WO 9905265	A3	19990520		
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
 CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9885837 A1 19990216 AU 98-85837 19980723
 PRAI US 97-899061 19970723
 WO 98-US15289 19980723

L5 ANSWER 42 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:752976 CAPLUS
 TI **Transgenic** plants are sensitive bioindicators of nuclear
 pollution caused by the Chernobyl accident
 AU Kovalchuk, Igor; Kovalchuk, Olga; Arkhipov, Andrey; Hohn, Barbara
 CS Ivano-Frankivsk State Medical Academy, Ivano-Frankivsk, 284000, Ukraine
 SO Nat. Biotechnol. (1998), 16(11), 1054-1059
 CODEN: NABIF9; ISSN: 1087-0156
 PB Nature America
 DT Journal
 LA English

L5 ANSWER 43 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:545391 CAPLUS
 DN 129:172448
 TI Cloning and expression of gene for restriction endonuclease I-SceI of
 Saccharomyces cerevisiae and use of I-SceI
 IN Dujon, Bernard; Choulika, Andre; Perrin, Arnaud; Nicolas, Jean-francois
 PA Institut Pasteur, Fr.
 SO U.S., 79 pp. Cont.-in-part of U. S. 5,474,896.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5792632	A	19980811	US 94-336241	19941107
	US 5474896	A	19951212	US 92-971160	19921105
	US 5866361	A	19990202	US 95-465273	19950605
	WO 9614408	A2	19960517	WO 95-EP4351	19951106
	WO 9614408	A3	19960829		
	W: CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2203569	AA	19960517	CA 95-2203569	19951106
	EP 791058	A1	19970827	EP 95-938418	19951106
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 10508478	T2	19980825	JP 95-515058	19951106
PRAI	US 92-879689		19920505		
	US 92-971160		19921105		
	US 94-336241		19941107		
	WO 95-EP4351		19951106		

L5 ANSWER 44 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:466970 CAPLUS
 DN 129:286416
 TI Horizontal gene transfer from **transgenic** plants to terrestrial
 bacteria - a rare event?
 AU Nielsen, Kaare M.; Bones, Atle M.; Smalla, Kornelia; van Elsas, Jan D.
 CS Department of Botany, UNIGEN - Center for Molecular Biology, Norwegian
 University of Science and Technology, Trondheim, 7005, Norway
 SO FEMS Microbiol. Rev. (1998), 22(2), 79-103
 CODEN: FMREE4; ISSN: 0168-6445
 PB Elsevier Science B.V.
 DT Journal; General Review
 LA English

L5 ANSWER 45 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:234159 CAPLUS

DN 129:13010
 TI Transformation of Acinetobacter sp. strain BD413 by **transgenic**
 sugar beet DNA
 AU Gebhard, Frank; Smalla, Kornelia
 CS Biologische Bundesanstalt fur Land- und Forstwirtschaft, Institut fur
 Biochemie und Pflanzenvirologie, Braunschweig, D-38104, Germany
 SO Appl. Environ. Microbiol. (1998), 64(4), 1550-1554
 CODEN: AEMIDF; ISSN: 0099-2240
 PB American Society for Microbiology
 DT Journal
 LA English

L5 ANSWER 46 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:233398 CAPLUS
 DN 128:304551
 TI Meiotic stability of transgene expression is unaffected by flanking
 matrix-associated regions
 AU Conner, Anthony J.; Mlynarova, Ludmila; Stiekema, Willem J.; Nap,
 Jan-Peter
 CS Department of Molecular Biology, Centre for Plant Breeding and
 Reproduction Research (CPRO-DLO), Wageningen, NL-6700 AA, Neth.
 SO Mol. Breed. (1998), 4(1), 47-58
 CODEN: MOBRFL; ISSN: 1380-3743
 PB Kluwer Academic Publishers
 DT Journal
 LA English

L5 ANSWER 47 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:189275 CAPLUS
 DN 128:266928
 TI Repair of genomic double-strand breaks in somatic **plant** cells by
 one-sided invasion of homologous sequences
 AU Puchta, Holger
 CS Institut fur Pflanzengenetik und Kulturpflanzenforschung (IPK),
 Gatersleben, D-06466, Germany
 SO Plant J. (1998), 13(3), 331-339
 CODEN: PLJUED; ISSN: 0960-7412
 PB Blackwell Science Ltd.
 DT Journal
 LA English

L5 ANSWER 48 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:31320 CAPLUS
 DN 128:98547
 TI Chimeric mutational vectors having non-natural nucleotides for use in
 gene
 therapy and creation of **transgenic** organisms
 IN Kmiec, Eric B.
 PA Thomas Jefferson University, USA
 SO PCT Int. Appl., 68 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9748714	A1	19971224	WO 97-US10538	19970616
	W:	AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GH, HU, IL, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	US 5731181	A	19980324	US 96-664487	19960617
	AU 9734920	A1	19980107	AU 97-34920	19970616

US 5795972 A 19980818 US 97-982867 19971202
 PRAI US 96-664487 19960617
 WO 97-US10538 19970616

L5 ANSWER 49 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1998:1585 CAPLUS
 DN 128:71619
 TI Integration cassette for improvement of transgenesis in eukaryotes
 IN Gagne, Marc; Sirard, Marc-Andre; Pothier, Francois
 PA Universite Laval, Can.
 SO PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9746691	A1	19971211	WO 97-CA375	19970530
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
	AU 9728842	A1	19980105	AU 97-28842	19970530
	EP 901528	A1	19990317	EP 97-922794	19970530
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
PRAI	US 96-656838		19960603		
	WO 97-CA375		19970530		

L5 ANSWER 50 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1997:768683 CAPLUS
 DN 128:57929
 TI Efficient gene tagging in Arabidopsis thaliana using a gene trap approach
 AU Babiychuk, Elena; Fuangthong, Mayuree; Van Montagu, Marc; Inze, Dirk; Kushnir, Sergei
 CS Laboratorium voor Genetica, Department Genetica, Vlaams Interuniversitair Instituut voor Biotechnologie (VIB), Universiteit Gent, Ghent, B-9000, Belg.
 SO Proc. Natl. Acad. Sci. U. S. A. (1997), 94(23), 12722-12727
 CODEN: PNASA6; ISSN: 0027-8424
 PB National Academy of Sciences
 DT Journal
 LA English

L5 ANSWER 51 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1997:684900 CAPLUS
 DN 128:19141
 TI Gene targeting approaches using positive-negative selection and large flanking regions
 AU Thykjaer, Thomas; Finnemann, Jorgen; Schauser, Leif; Christensen, Liselotte; Poulsen, Carsten; Stougaard, Jens
 CS Laboratory of Gene Expression, Department of Molecular and Structural Biology, University of Aarhus, Aarhus, 8000, Den.
 SO Plant Mol. Biol. (1997), 35(4), 523-530
 CODEN: PMBIDB; ISSN: 0167-4412
 PB Kluwer
 DT Journal
 LA English

L5 ANSWER 52 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1997:642886 CAPLUS
 DN 127:288984

TI The maize transposable element Ac induces recombination between the donor site and an homologous ectopic sequence
 AU Shalev, Gil; Levy, Avraham A.
 CS Department of Plant Genetics, The Weizmann Institute of Science, Rehovot, 76100, Israel
 SO Genetics (1997), 146(3), 1143-1151
 CODEN: GENTAE; ISSN: 0016-6731
 PB Genetics Society of America
 DT Journal
 LA English

L5 ANSWER 53 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1997:364685 CAPLUS
 DN 127:13920
 TI Gene targeting and instability of Agrobacterium T-DNA loci in the **plant** genome
 AU Risseuw, Eddy; Franke-Van Dijk, E.I.; Hooykaas, Paul J.J.
 CS Clusius Laboratory, Institute of Molecular Plant Sciences, Leiden University, Leiden, 2333 AL, Neth.
 SO Plant J. (1997), 11(4), 717-728
 CODEN: PLJUED; ISSN: 0960-7412
 PB Blackwell
 DT Journal
 LA English

L5 ANSWER 54 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1997:262365 CAPLUS
 DN 126:234450
 TI Vectors comprising recombination-promoting enzymes for DNA repair stimulation in **transgenic** eukaryote and applications in gene therapy or **plant** genetic engineering
 IN Reiss, Bernd; Kosak, Hans; Klemm, Manfred; Schell, Jeff
 PA Max-Planck-Gesellschaft zur Foerderung der Wissenschaften e.V., Germany; Reiss, Bernd; Kosak, Hans; Klemm, Manfred; Schell, Jeff
 SO PCT Int. Appl., 57 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9708331	A1	19970306	WO 96-EP3824	19960830
	W: JP, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	EP 847445	A1	19980617	EP 96-930142	19960830
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRAI	EP 95-113644		19950830		
	EP 95-113691		19950831		
	WO 96-EP3824		19960830		

L5 ANSWER 55 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1997:249299 CAPLUS
 DN 126:312832
 TI Targeting of a functional Escherichia coli RecA protein to the nucleus of **plant** cells
 AU Reiss, B.; Kosak, H.; Klemm, M.; Schell, J.
 CS Max-Planck-Inst. Zuechtungsforschung, Cologne, D-50892, Germany
 SO Mol. Gen. Genet. (1997), 253(6), 695-702
 CODEN: MGGEAE; ISSN: 0026-8925
 PB Springer
 DT Journal
 LA English

L5 ANSWER 56 OF 79 CAPLUS COPYRIGHT 1999 ACS

AN 1996:428575 CAPLUS
 DN 125:107019
 TI Nucleotide sequence encoding yeast enzyme I-SceI and its use in inducing **homologous recombination** in eukaryotic cells and protein production in **transgenic** animals
 IN Chouluka, Andre; Perrin, Arnaud; Dujon, Bernard; Nicolas, Jean-Francois
 PA Institut Pasteur, Fr.; Universite Pierre Et Marie Curie
 SO PCT Int. Appl., 122 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9614408	A2	19960517	WO 95-EP4351	19951106
	WO 9614408	A3	19960829		
	W: CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5792632	A	19980811	US 94-336241	19941107
	EP 791058	A1	19970827	EP 95-938418	19951106
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	JP 10508478	T2	19980825	JP 95-515058	19951106
PRAI	US 94-336241		19941107		
	US 92-879689		19920505		
	US 92-971160		19921105		
	WO 95-EP4351		19951106		

L5 ANSWER 57 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1996:204192 CAPLUS
 DN 124:254127
 TI RecA protein stimulates **homologous recombination** in plants
 AU Reiss, Bernd; Klemm, Manfred; Kosak, Hans; Schell, Jeff
 CS Max-Planck-Inst. Zuechtungsforschung, Cologne, 50892, Germany
 SO Proc. Natl. Acad. Sci. U. S. A. (1996), 93(7), 3094-8
 CODEN: PNASA6; ISSN: 0027-8424
 DT Journal
 LA English

L5 ANSWER 58 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1996:13155 CAPLUS
 DN 124:78722
 TI Positive-negative selection methods and vectors for gene targeting by **homologous recombination**
 IN Capecchi, Mario R.; Thomas, Kirk R.
 PA University of Utah Research Foundation, USA
 SO U.S., 32 pp. Cont. of U.S. Ser. No. 397,707, abandoned.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5464764	A	19951107	US 93-14083	19930204
	US 5487992	A	19960130	US 93-84741	19930628
	US 5627059	A	19970506	US 95-461827	19950605
	US 5631153	A	19970520	US 95-463813	19950605
PRAI	US 89-397707		19890822		
	US 93-14083		19930204		
	US 93-84741		19930628		

L5 ANSWER 59 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1995:813057 CAPLUS
 DN 123:190500
 TI Method of transforming **plant** and vector therefor

IN Komari, Toshihiko; Saito, Yasuhito; Hiei, Yukoh
PA Japan Tobacco Inc., Japan
SO PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9516031	A1	19950615	WO 94-JP2049	19941206
	W: AU, CA, JP, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9511213	A1	19950627	AU 95-11213	19941206
	EP 687730	A1	19951220	EP 95-902308	19941206
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,				
SE	US 5731179	A	19980324	US 95-500952	19950808
	AU 9889298	A1	19981203	AU 98-89298	19981014
PRAI	JP 93-340657		19931208		
	AU 95-11213		19941206		
	WO 94-JP2049		19941206		

L5 ANSWER 60 OF 79 CAPLUS COPYRIGHT 1999 ACS
AN 1995:703788 CAPLUS
DN 123:134952
TI Trans-kingdom T-DNA transfer from *Agrobacterium tumefaciens* to
Saccharomyces cerevisiae
AU Bundock, Paul; del Dulk-Ras, Amke; Beijersbergen, Alice; Hooykaas, Paul
J.
J.
CS Inst. Mol. Plant Sci., Clusius Lab., Leiden Univ., Leiden, 2333 AL, Neth.
SO EMBO J. (1995), 14(13), 3206-14
CODEN: EMJODG; ISSN: 0261-4189
DT Journal
LA English

L5 ANSWER 61 OF 79 CAPLUS COPYRIGHT 1999 ACS
AN 1995:685908 CAPLUS
DN 123:104003
TI Somatic intrachromosomal **homologous recombination**
events in populations of **plant** siblings
AU Puchta, Holger; Swoboda, Peter; Gal, Susannah; Blot, Michel; Hohn,
Barbara
CS Friedrich Miescher-Inst., Basel, CH-4002, Switz.
SO Plant Mol. Biol. (1995), 28(2), 281-92
CODEN: PMBIDB; ISSN: 0167-4412
DT Journal
LA English

L5 ANSWER 62 OF 79 CAPLUS COPYRIGHT 1999 ACS
AN 1995:258236 CAPLUS
DN 122:231799
TI Inactivation of repeated genes - DNA-DNA interaction?
AU Matzke, Marjori; Matzke, Antonius J. M.; Scheid, Ortrun Mittelsten
CS Inst. Mol. Biol., Aust. Acad. Sci., Salzburg, A-5020, Austria
SO Homologous Recomb. Gene Silencing Plants (1994), 271-307. Editor(s):
Paszkowski, Jerzy. Publisher: Kluwer, Dordrecht, Germany.
CODEN: 60UBAB
DT Conference; General Review
LA English

L5 ANSWER 63 OF 79 CAPLUS COPYRIGHT 1999 ACS
AN 1994:317099 CAPLUS
DN 120:317099
TI Recombination between viral RNA and **transgenic plant**
transcripts

AU Greene, Ann E.; Allison, Richard F.
 CS Dep. Bot. Plant Pathol., Michigan State Univ., East Lansing, MI,
 48824-1312, USA
 SO Science (Washington, D. C., 1883-) (1994), 263(5152), 1423-5
 CODEN: SCIEAS; ISSN: 0036-8075
 DT Journal
 LA English

L5 ANSWER 64 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1994:159159 CAPLUS
 DN 120:159159
 TI Genetic engineering of novel **plant** phenotypes by lowering levels
 of expression of endogenous genes
 IN Jorgensen, Richard A.; Napoli, Carolyn A.
 PA DNA Plant Technology Corp., USA
 SO U.S., 24 pp. Cont.-in-part of U.S. Ser. No. 501,076.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5283184	A	19940201	US 91-687550	19910417
	US 5034323	A	19910723	US 89-331338	19890330
	US 5231020	A	19930727	US 90-501076	19900329
PRAI	US 89-331338		19890330		
	US 90-501076		19900329		

L5 ANSWER 65 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1994:159036 CAPLUS
 DN 120:159036
 TI Intrachromosomal **homologous recombination** in whole
 plants
 AU Swoboda, Peter; Gal, Susannah; Hohn, Barbara; Puchta, Holger
 CS Friedrich Miescher-Inst., Basel, CH-4002, Switz.
 SO EMBO J. (1994), 13(2), 484-9
 CODEN: EMJODG; ISSN: 0261-4189
 DT Journal
 LA English

L5 ANSWER 66 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1993:249297 CAPLUS
 DN 118:249297
 TI Genetic construct for selection of homologous recombinants on a single
 selective medium
 IN Guerra, Daniel J.; Xiang, Chengbin
 PA Idaho Research Foundation, Inc., USA
 SO PCT Int. Appl., 51 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9307266	A1	19930415	WO 92-US8513	19921006
	W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP,				
	KR, LK, LU, MG, MN, MW, NL, NO, PL, RO, RU, SD, SE, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BF,				
	BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
	AU 9227789	A1	19930503	AU 92-27789	19921006
	US 5527674	A	19960618	US 94-236957	19940502
PRAI	US 91-773333		19911007		
	WO 92-US8513		19921006		

L5 ANSWER 67 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1993:118298 CAPLUS

DN 118:118298
 TI Tomato resistant to cucumber mosaic virus and method for transforming tomato
 IN Saito, Yasuhito; Komari, Toshihiko; Kumashiro, Takashi; Masuta, Chikara; Hayashi, Yumiko; Takanami, Yoichi
 PA Japan Tobacco, Inc., Japan
 SO Eur. Pat. Appl., 12 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 504869	A2	19920923	EP 92-104774	19920319
	EP 504869	A3	19921119		
	R: FR, IT				
	JP 04330234	A2	19921118	JP 91-81544	19910320
PRAI	JP 91-81544		19910320		

L5 ANSWER 68 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1993:118082 CAPLUS
 DN 118:118082
 TI Stress-induced intrachromosomal recombination in **plant** somatic cells
 AU Lebel, Edouard G.; Masson, Jean; Bogucki, Augustyn; Paszkowski, Jerzy
 CS Inst. Plant Sci., ETH-Zurich, Zurich, 8092, Switz.
 SO Proc. Natl. Acad. Sci. U. S. A. (1993), 90(2), 422-6
 CODEN: PNASA6; ISSN: 0027-8424
 DT Journal
 LA English

L5 ANSWER 69 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1992:466778 CAPLUS
 DN 117:66778
 TI Cucumber mosaic virus-tolerant **transgenic** tomato plants expressing a satellite RNA
 AU Saito, Y.; Komari, T.; Masuta, C.; Hayashi, Y.; Kumashiro, T.; Takanami, Y.
 CS Plant Breed. Genet. Res. Lab., Japan Tob. Inc., Iwata, 438, Japan
 SO Theor. Appl. Genet. (1992), 83(6-7), 679-83
 CODEN: THAGA6; ISSN: 0040-5752
 DT Journal
 LA English

L5 ANSWER 70 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1992:249799 CAPLUS
 DN 116:249799
 TI Somatic and meiotic chromosomal recombination between inverted duplications in **transgenic** tobacco plants
 AU Tovar, Jorge; Lichtenstein, Conrad
 CS Cent. Biotechnol., Imp. Coll. Sci. Technol., London, SW7 2AZ, UK
 SO Plant Cell (1992), 4(3), 319-32
 CODEN: PLCEEW; ISSN: 1040-4651
 DT Journal
 LA English

L5 ANSWER 71 OF 79 CAPLUS COPYRIGHT 1999 ACS
 AN 1992:167829 CAPLUS
 DN 116:167829
 TI Method for **homologous recombination** of transforming DNA into the genomes of animal and **plant** cells
 IN Bradley, Allan; Davis, Ann C.; Hasty, Paul
 PA Baylor College of Medicine, USA
 SO PCT Int. Appl., 101 pp.
 CODEN: PIXXD2
 DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9119796	A1	19911226	WO 91-US4006	19910607
	W: AU, CA, JP				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
	CA 2084774	AA	19911213	CA 91-2084774	19910607
	AU 9181823	A1	19920107	AU 91-81823	19910607
	AU 654284	B2	19941103		
	EP 535144	A1	19930407	EP 91-912599	19910607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
	JP 05507853	T2	19931111	JP 91-511760	19910607
	US 5614396	A	19970325	US 94-200011	19940222
PRAI	US 90-536397		19900612		
	US 90-537458		19900614		
	US 90-597694		19901017		
	WO 91-US4006		19910607		
	US 93-3825		19930108		

L5 ANSWER 72 OF 79 CAPLUS COPYRIGHT 1999 ACS
AN 1992:167381 CAPLUS
DN 116:167381
TI Evidence for T-DNA mediated gene targeting to tobacco chloroplasts
AU Venkateswarlu, K.; Nazar, R. N.
CS Dep. Mol. Biol. Genet., Univ. Guelph, Guleph, ON, N1G 2W1, Can.
SO Bio/Technology (1991), 9(11), 1103-5
CODEN: BTCHDA; ISSN: 0733-222X
DT Journal
LA English

L5 ANSWER 73 OF 79 CAPLUS COPYRIGHT 1999 ACS
AN 1991:402344 CAPLUS
DN 115:2344
TI Genomic **homologous recombination** in planta
AU Gal, Susannah; Pisan, Barbara; Hohn, Thomas; Grimsley, Nigel; Hohn, Barbara
CS Friedrich Miescher-Inst., Basel, CH-4002, Switz.
SO EMBO J. (1991), 10(6), 1571-8
CODEN: EMJODG; ISSN: 0261-4189
DT Journal
LA English

L5 ANSWER 74 OF 79 CAPLUS COPYRIGHT 1999 ACS
AN 1990:625722 CAPLUS
DN 113:225722
TI Extrachromosomal **homologous recombination** and gene targeting in **plant** cells after Agrobacterium mediated transformation
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